

EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	26	scan\$4 same twain same api	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/25 08:20
L2	15304	1 dll	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/11/25 08:20
L3	2	1 dll	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	SAME	ON	2006/11/25 09:21
L4	0	twain dll isis	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	SAME	ON	2006/11/25 09:45
L5	1	scan\$4 twain dll document	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	SAME	ON	2006/11/25 09:34
L6	2	("6429952").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/11/25 09:36
L7	8	((("5,694,594") or ("5,572,643") or ("5,532,844") or ("5,508,821") or ("5,438,648") or ("5,432,914") or ("5,157,773") or ("4,894,522"))).PN.	US-PGPUB; USPAT; EPO; JPO; IBM_TDB	OR	OFF	2006/11/25 09:37
L8	14	("4894522" "5157773" "5432914" "5438648" "5508821" "5532844" "5572642" "5694594" "5869819" "6101509" "6152369").PN. OR ("6429952").URPN.	US-PGPUB; USPAT; USOCR	SAME	ON	2006/11/25 09:43
L9	48	twain isis	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	SAME	ON	2006/11/25 09:45
L10	674	715/530.ccls.	USPAT	OR	OFF	2006/11/25 10:54

EAST Search History

L11	0	707/515.ccls.	US-PGPUB; USPAT	OR	OFF	2006/11/25 10:56
L12	97	382/256.ccls.	USPAT	OR	OFF	2006/11/25 10:54
L13	625	382/254.ccls.	USPAT	OR	OFF	2006/11/25 10:54
L14	371	382/282.ccls.	USPAT	OR	OFF	2006/11/25 10:54
L15	1271	715/500.ccls.	US-PGPUB; USPAT	OR	OFF	2006/11/25 10:55
L16	643	358/442.ccls.	US-PGPUB; USPAT	OR	OFF	2006/11/25 10:55
L17	312	715/515.ccls.	US-PGPUB; USPAT	OR	OFF	2006/11/25 10:56

	1	Documen t ID	Issue Date	Title	Current OR	Inventor	4	5	P T
1		US 2006017 1002 A1	20060803	Image processing method, image processing apparatus and program	358/538	Mori; Yasuo			
2		US 2005027 4914 A1	20051215	High speed image scanner	250/559. 08	Scanlon, Edward F. et al.			
3		US 2005020 0909 A1	20050915	Method of setting driver program of image processing device and image processing system with transparent function	358/448	Kim, Yang- moon			
4		US 2005016 2689 A1	20050728	System and method for communicating with printers using web site technology	358/1.15	Roztocil, Tomas			
5		US 2005015 7330 A1	20050721	Image-forming system with a graphical user interface having an interconnecti on architecture hyperlink	358/1.15	Giuliano, Gerard			
6		US 2005013 4871 A1	20050623	Document processing method and apparatus	358/1.6	Nakagiri, Koji			
7		US 2005009 7477 A1	20050505	Computer- implemented image acquisition	715/825	Camara, Franc J. et al.			

				system					
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	1	Document ID	Issue Date	Title	Current OR	Inventor	4	5	P T
8		US 2005009 7456 A1	20050505	Computer- implemented image acquisition system	715/513	Camara, Franc J. et al.			
9		US 2005009 4208 A1	20050505	Document creation method and document creation apparatus	358/1.18	Mori, Yasuo			
10		US 2005009 1613 A1	20050428	Computer- implemented image acquisition system	715/825	Camara, Franc J. et al.			
11		US 2004026 7595 A1	20041230	Worker and document management system	705/9	Woodings, Lewis E. et al.			
12		US 2004021 5706 A1	20041028	System and method for updating software and version control in a production printer	709/201	Lavender, Scott D. et al.			
13		US 2004009 5588 A1	20040520	Systems and methods for providing true scale measurements for digitized drawings	358/1.2	Ciccarelli, Victor			
14		US 2004004 2034 A1	20040304	Facsimile transmission according to recipient preferences	358/1.15	Tiffan, Jeff et al.			

	1	Document ID	Issue Date	Title	Current OR	Inventor	4	5	P T
15		US 20030120593 A1	20030626	Method and system for delivering multiple services electronically to customers via a centralized portal architecture	705/39	Bansal, Amar Inder Singh et al.			
16		US 20030009312 A1	20030109	Pre-data-collection applications test processing system	702/188	Knowles, Kristian et al.			
17		US 20020176598 A1	20021128	Test processing workflow tracking system	382/100	Knowles, Kristian et al.			
18		US 20020131075 A1	20020919	Tab modification system for a printing machine	358/1.15	Kremer, Karl Heinz			
19		US 20020126158 A1	20020912	Computer-implemented image acquisition system	715/810	Camara, Franc J. et al.			
20		US 20020123029 A1	20020905	Multiple server test processing workflow system	434/353	Knowles, Kristian			
21		US 20020123028 A1	20020905	Test question response verification system	434/324	Knowles, Kristian et al.			
22		US 20020122606 A1	20020905	System for archiving electronic images of test question responses	382/305	Knowles, Kristian			

	1	Document ID	Issue Date	Title	Current OR	Inventor	4	5	P T
23		US 2002012 2071 A1	20020905	Computer-implemented image acquisition system	715/810	Camara, Franc J. et al.			
24		US 2001004 5964 A1	20011129	Method and system for transferring images from an imaging source device to a destination	715/810	Camara, Franc J. et al.			
25		US 2001004 4868 A1	20011122	System and method for visual representation and manipulation of tabs on a production printer	358/1.1	Roztocil, Tomas et al.			
26		US 2001004 3365 A1	20011122	Late binding of tab image contents to ordered tab stock	358/1.16	Kremer, Karl Heinz et al.			
27		US 2001004 3346 A1	20011122	System and method for visual representation of tabs in a production printing workflow	358/1.9	Roztocil, Tomas et al.			
28		US 7072057 B1	20060704	System and method for interfacing with a production scanner	358/1.15	Hansen; David R.			
29		US 7012706 B1	20060314	System and method for interfacing with multiple production scanners	358/1.15	Hansen; David R.			

	1	Document ID	Issue Date	Title	Current OR	Inventor	4	5	P T
30		US 7003723 B1	20060221	System and method for representing and managing pages in a production printing workflow	715/517	Kremer; Karl Heinz et al.			
31		US 6995860 B2	20060207	System and method for visual representation of tabs in a production printing workflow	358/1.18	Roztocil; Tomas et al.			
32		US 6961482 B2	20051101	System for archiving electronic images of test question responses	382/306	Knowles; Kristian			
33		US 6912693 B2	20050628	Computer-implemented image acquisition system	715/771	Camara; Franc J. et al.			
34		US 6889364 B2	20050503	Computer-implemented image acquisition system	715/771	Camara; Franc J. et al.			
35		US 6810232 B2	20041026	Test processing workflow tracking system	434/353	Knowles; Kristian et al.			
36		US 6751351 B2	20040615	Test question response verification system	382/181	Knowles; Kristian et al.			

37		US 6694384 B1	20040217	Method and system to remotely configure business office devices to user defined parameters	710/8	Moeller; Bruce et al.			
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	1	Document ID	Issue Date	Title	Current OR	Inventor	4	5	P T
38		US 6675133 B2	20040106	Pre-data-collection applications test processing system	702/189	Knowles; Kristian et al.			
39		US 6509974 B1	20030121	Automated job creation for job preparation	358/1.12	Hansen; David R.			
40		US 6462756 B1	20021008	System and method for visual representation of pages in a production printing workflow	345/764	Hansen; David R. et al.			
41		US 6411314 B1	20020625	System and method for representing and controlling a production printing workflow	345/769	Hansen; David R. et al.			
42		US 6407820 B1	20020618	Efficient use of print resources within a job stream	358/1.12	Hansen; David R. et al.			
43		US 6373507 B1	20020416	Computer-implemented image acquisition system	715/825	Camara; Franc J. et al.			
44		US 6344906 B1	20020205	Universal document scanner controller	358/443	Gatto; Jean-Marie et al.			

45		US 5764866 A	19980609	Scanner, network scanner system, and method for network scanner system	358/1.15	Maniwa; Yoshio			
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	1	Document ID	Issue Date	Title	Current OR	Inventor	4	5	P T
46		US 5731879 A	19980324	Simplex/duplex image forming apparatus with document memory	358/296	Maniwa; Yoshio et al.			
47		US 20050200909 A	20050915	Setting method of user interface for driver e.g. tool kit without an important name driver used in image processing device, involves displaying driver with applied transparent setting, when application program operates driver		KIM, Y M et al.			
48	X	US 6429952 B1	20020806	Browser interface to scanner	358/442	Olbricht; Eric Thomas			

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36		US 6751351 B2	20040615	Test question response verification system	382/181	Knowles; Kristian et al.			

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Suitability of Inexpensive Image-Generating Systems for Evaluation of Thin-Layer Chromatography and ... - group of 2 »

C Wiczorrek - Journal of Planar Chromatography, 2005 - mn-net.com

... whether calculated peak-area integrals from office **scan-** ners and ... OCX control [18], Imagex ActiveX control [19], the **Twain** driver EZTW32.DLL [20], NETCDF ...

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The SANE Scanner Interface

D Mosberger - Linux Journal, 1998 - portal.acm.org

... main reason **TWAIN** is not SANE is that **TWAIN** puts the ... are active or meaningful for a given **scan** mode, greatly ... SANE supports two pseudo-drivers called **dll** and **net** ...

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STEREOSCOPIC SCANNER IN QUALITY CONTROL - group of 3 »

R Schubert - stereoscopicscanning.de

... The scanner lamp moves together with the CCD-array giving homogenous illumination conditions throughout the whole **scan**. ... RS232 **DLL** classical **TWAIN**-driver ...

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Release Notes - group of 91 »

N Features - Order - kodak.com

... SI-1080-II Film Scanner, you can **scan** 120/220 ... Installation window appears to stall on a **dll** file ... DLS System Software installation that the RFS **TWAIN** Driver was ...

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Desktop Scanning to sRGB - group of 6 »

JY Hardeberg - SPIE Proceedings, Color Imaging: Device-Independent Color, 1999 - hig.no

... **Scan** Sensor ... from Scanner-RGB to sRGB without modification of the imaging application or the **TWAIN** Data Source. Manager is a Dynamic-Linked Library (**DLL**). ...

[Cited by 7](#) - [Related Articles](#) - [View as HTML](#) - [Web Search](#)

[PS] Scanning and Processing of Forms

N Verma - 2000 - cse.iitk.ac.in

... scanner . For this a dynamic link library Twain32.dll is used interface. When **scan** is over it will shut down . { **twain** state 6 Transfer ready

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[doc] Version 4.0

KMEB Set - International Workshop on Logic Synthesis, 1993 - imageedition.com

... X:\IMAGES\CCCCCCCC\FFFFFFF\DDDDDDDD.TIF. ... In order for **Image** Edition to be able to find documents ... station is different from that used at the **scan** station, the ...

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NEW PRODUCTS - group of 3 »

AP Macintosh, PPC RISC - ieeeexplore.ieee.org

... software includes a **Twain** driver and **Twain**-compatible scanning ... and a range of horizontal **scan** frequencies ... hand-held remote lets users select **images**, adjust them ...

[Web Search](#)

[\[book\] Image Acquisition and Processing With Labview](#)

CG Relf - 2004 - books.google.com

... 17 2. 1 . 1 . 4 Line **Scan** 18 ... 59 3.7 **TWAIN Image** Acquisition 59 ... 1 . 1 TYPES OF IMAGESThe Vision Toolkit can read and manipulate raster **images**. ...[Cited by 1](#) - [Related Articles](#) - [Web Search](#) - [Library Search](#)[The use and capture of **images** for computer-based learning II - group of 2 »](#)

J Williams, A Lock, J Crisp, A Longstaffe - 1995 - agocg.ac.uk

... The reasons for this are that the eye automatically **scans** from left to right ... **TWAIN****TWAIN** is a protocol which defines how bitmapped **images** from scanners ...[Cited by 3](#) - [Related Articles](#) - [View as HTML](#) - [Web Search](#)

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[\[doc\] Digital library development in India: a case study of the development at Central Library of IIT ...](#)

H Khas - drtc.isibang.ac.in

... The development in India started during mid **1990**'s with ... of Technical Education) project on **document** imaging of bound ... in-house using Micro CDS/**ISIS** package of ...

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[Analysis of Oligonucleotides with the LCQ™](#)

LL Lopez, T Finnigan, R Griffey, M Greig, H Sasmor ... - thermo.com

... The 14-mer DNA oligonucleotide was prepared at **Isis** Pharmaceuticals (Carlsbad ... of any conflict between the provisions of this **document** and those ... Full-scan MS/MS ...

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[contributor. author Arora, Jagdish](#)

DC Field - eprint.iitd.ac.in

... acces- sible forms using a digital **scanner** or a ... Figure 2 **Document scanning** project at Central Library, IIT Delhi. ... in- house on micro CDS/**ISIS** The Central ...

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[Detecting Acute Thoracic Aortic Dissection in the Emergency Department: Time Constraints and Choice ... - group of 4 »](#)

FP Sarasin, M Louis-Simonet, JM Gaspoz, AF Junod - Annals of Emergency Medicine, 1996 - Elsevier

... HH Gray, Use of computed tomographic **scanning** and aortography ... thoracic aorta, Br Heart J 64 (**1990**), pp ... Abstract-EMBASE | Abstract-MEDLINE | Order **Document** 7 CA ...

[Cited by 20](#) - [Related Articles](#) - [Web Search](#) - [BL Direct](#)

[Document image processing based on enhanced border following algorithm](#)

M Yamada, K Hasuike - Pattern Recognition, 1990. Proceedings., 10th International ..., 1990 - ieeexplore.ieee.org

... 2.1 (m. n)-connectivity In this paper, a **document** image is input with a **scanner** and represented ... level) with an image within the border as (1) **scan** the image ...

[Cited by 2](#) - [Related Articles](#) - [Web Search](#)

[Segmentation of color document images - group of 3 »](#)

L Todoran, M Worring - **ISIS** technical report series, 2000 - carol.wins.uva.nl

... <http://www.science.uva.nl/research/isis> ... both processes then the point-spread function (PSF) of the **scanning** process can ... 4.3 **Document** images in RGB color space ...

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[Paper based document security-a review - group of 2 »](#)

RL van Renesse - Security and Detection, 1997. ECOS 97., European Conference ..., 1997 - ieeexplore.ieee.org

... The **ISIS** can be inspected in diffuse as well as point ... Ordering the order - a survey of optical **document** security features ... [27] Cobra Imaging Products, 902 ...

[Cited by 6](#) - [Related Articles](#) - [Web Search](#)

[A networked interoffice communication expert system](#)

M Venkatasubbaiah, HR Vishwakarma - Singapore ICCS'94. Conference Proceedings., 1994 - ieeexplore.ieee.org

... The Svcrcv of the Subcomponents The **document scanner** converts a paper based **document**

into an electronic **document** using various pattern recognition techniques. ...

[Web Search](#)

ISIS

P Elect, P Pres - spineuniverse.com

... HELP getting articles submitted to the **ISIS** Newsletter ... use fluoroscopy and contrast to **document** correct placement ... joint capsule: Appearance at MR imaging and CT ...

[Related Articles](#) - [View as HTML](#) - [Web Search](#)

Annual meeting of the Austrian society of neuroimaging held in Linz, Austria 17 November 1990

F Aichner, E Deisenhammer - Journal of Neurology, **1990** - Springer

... on the STEAM-sequence for IH and **ISIS** for 31P ... and ischemic disease and to eventually **document** therapeutic effects ... Maximal distance between MRI and RT **scan** was 5 ...

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isis document scanning (1990)

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www.positiveaccess.com

TWAIN Native VCL Controls

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www.mcm-design.com

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**Victor Image Processing Library How-to Tips**

Control a TWAIN device with Visual Basic

The Victor Library TWAIN Support Module is very easy to use from Visual Basic. The simplest implementation is to scan a single image using the device's user interface . . .

```
Dim new_image as imgdes      ' Image descriptor
Dim rcode as long           ' Return code

rcode = TWscanimage(hWnd, new_image)
```

And to save the image in a TIFF file . . .

```
rcode = savetif("newimage.tif", new_image, 0)
```

In addition to being easy, the Victor Library control of the TWAIN device is also powerful. You can hide the user interface, control the scan conditions, and capture multiple images.

The example shown here sets the device resolution and capture area then scans up to three images from a scanner with automatic document feeder or from a digital camera and saves the images in TIFF files. All of the available capture functions are shown, (but are in comment statements), and can easily be implemented.

Capturing multiple images requires a callback function, that part of the example uses the VB *AddressOf* operator available in VB v 5 or greater.

Capture an Image - the Source Code for VB

Requires Victor Image Processing Library for 32-bit Windows v 5.1 or higher.

..... Add the *do_the_scans* function to your .BAS module, not to a .FRM module

```
Public Function do_the_scans(hWnd As Long, gsimage As imgdes) As Long
Dim srect As RECT
Dim showUI As Long
Dim rcode As Long
Dim unit_data As TWAIN_CAP_DATA
Dim reso_data As TWAIN_CAP_DATA
Dim pixel_data As TWAIN_CAP_DATA
Dim bright_data As TWAIN_CAP_DATA

unit_data.oneValue.val = TWUN_INCHES
unit_data.conType = TWON_ONEVALUE

reso_data.oneValue.val = 200 ' 200 dpi
reso_data.conType = TWON_ONEVALUE
```

```

'pixel_data.oneValue.val = TWPT_GRAY 'Grayscale
pixel_data.oneValue.val = TWPT_BW '1-bit b/w
pixel_data.conType = TWON_ONEVALUE

bright_data.oneValue.val = 0 ' Range is usually -1000 to 1000
bright_data.conType = TWON_ONEVALUE

rcode = TWsetmeasureunit(hWnd, unit_data) ' To set the device units
rcode = TWsetxresolution(hWnd, reso_data) ' To set the device resolution
rcode = TWsetyresolution(hWnd, reso_data) ' To set the device resolution
rcode = TWsetbrightness(hWnd, bright_data) ' To set brightness
rcode = TWsetcontrast(hWnd, bright_data) ' To set contrast
rcode = TWsetpixeltype(hWnd, pixel_data) ' To set the pixel type

srect.left = 0 ' Scan bed coordinates in 1000th inch
srect.top = 0
srect.right = 3000 ' 3 inches wide
srect.bottom = 1000 ' 1 inch high

showUI = 0 ' Don't show User Interface
pageno = 0

' To invoke the device user interface and capture a single image
'do_the_scans = TWscanimage(hWnd, gsimimage)

' To hide the user interface and capture a single image
'do_the_scans = TWscanimageex(hWnd, gsimimage, srect, showUI)

' To invoke the user interface and capture multiple images
'do_the_scans = TWscanmultipleimages(hWnd, gsimimage, AddressOf saveScannedImage)

' To hide the user interface and capture multiple images
do_the_scans = TWscanmultipleimagesex(hWnd, gsimimage, srect, showUI, AddressOf saveScannedImage)

End Function

..... Add the saveScannedImage function to your .BAS module, not to a .FRM module ..

Public Function saveScannedImage(jimage As imgdes) As Long
' TWscanmultipleimages() callback function
Dim rcode As Long
Dim Filename As String

' New name for each image captured
Filename = LCase$("test" & pageno & ".tif")
pageno = pageno + 1

' To save all the pages in a single multipage TIFF file
' use the savetifpage function instead of savetif

' Save the image
rcode = savetif(Filename, jimage, 0)

' Stop after 3 pages, for this demonstration
If (pageno = 3) Then
    rcode = TWAIN_STOP_SCAN
Else
    rcode = NO_ERROR
End If

saveScannedImage = rcode
End Function

..... Add this menu selection handler to your .FRM .....

Private Sub mnuAcquire_Click()
Dim rcode As Long, j As Long
Dim gsimimage As imgdes

```

```

On Error Resume Next

Screen.MousePointer = 11 ' Change mouse pointer to hourglass
' Store App name to display in Source dialog box. String may contain up to 32 chars.
TWsetproductname ("Victor Library")
' Acquire image(s) from selected/default source
rcode = do_the_scans(hWnd, gimage) ' This function has to reside in a .BAS module

' Last image captured becomes the one to display
If (rcode = NO_ERROR) Then
    ' Success, free previous image
    freeimage vimage
    ' Assign temp image to vimage
    copyimgdes gimage, vimage
    MainWnd.BackColor = &HFFFFFF ' Erase previous image
    ' Repaint the screen to display the new image
    MainWnd.form_paint
End If
Screen.MousePointer = 0 ' Reset the mouse pointer.

' Handle any errors
If rcode <> NO_ERROR Then
    MainWnd.error_handler rcode, ""
End If
End Sub

..... Add these defines and declarations to your Global module .....

' Image descriptor
Type imgdes
    ibuff As Long
    stx As Long
    sty As Long
    endx As Long
    endy As Long
    buffwidth As Long
    palette As Long
    colors As Long
    imgtype As Long
    bmh As Long
    hBitmap As Long
End Type

Type RECT
    left As Long
    top As Long
    right As Long
    bottom As Long
End Type

' Global variables for this example
Global vimage As imgdes
Global pageno As Integer

Type TW_STR32
    items(33) As Byte ' Actually creates a 34-byte array
End Type

' Capability get/set struct
' Data for Twain ONEVALUE-type container
Type TWAIN_ONEVALUE
    val As Integer ' the value
End Type

' Data for Twain ENUM-type container
Type TWAIN_ENUMTYPE
    tarray(17) As Integer

```



```

    nelems As Integer      ' Number of valid elements in array()
    currentIndex As Integer ' Index to the value that is currently in effect
    defaultIndex As Integer ' Power-up value
End Type

' Data for Twain RANGE-type container
Type TWAIN_RANGE
    min As Integer      ' Starting value in the range
    max As Integer      ' Final value in the range
    stepSize As Integer ' Increment from min to max
    currentVal As Integer ' The value that is currently in effect
    defaultVal As Integer ' Power-up value
End Type

' Capability get/set struct
Type TWAIN_CAP_DATA
    conType As Integer      ' Container type, TWON_ONEVALUE, TWON_ENUMERATION, or TWON_RANGE,
    oneValue As TWAIN_ONEVALUE ' Data if using ONEVALUE-type container
    enumType As TWAIN_ENUMTYPE ' Data if using ENUM-type container
    range As TWAIN_RANGE      ' Data if using RANGE-type container
End Type

' Container constants (4)
Global Const TWON_ARRAY = 3
Global Const TWON_ENUMERATION = 4
Global Const TWON_ONEVALUE = 5
Global Const TWON_RANGE = 6

' Pixel type constants (9)
Global Const TWPT_BW = 0
Global Const TWPT_GRAY = 1
Global Const TWPT_RGB = 2
Global Const TWPT_PALETTE = 3
Global Const TWPT_CMY = 4
Global Const TWPT_CMYK = 5
Global Const TWPT_YUV = 6
Global Const TWPT_YUVK = 7
Global Const TWPT_CIEXYZ = 8

' Units constants (6)
Global Const TWUN_INCHES = 0
Global Const TWUN_CENTIMETERS = 1
Global Const TWUN_PICAS = 2
Global Const TWUN_POINTS = 3
Global Const TWUN_TWIPS = 4
Global Const TWUN_PIXELS = 5

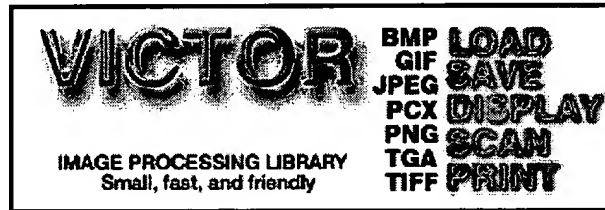
Global Const TWAIN_STOP_SCAN = -67

Declare Sub freeimage Lib "VIC32.DLL" (image As imgdes)
Declare Sub copyimgdes Lib "VIC32.DLL" (srcimg As imgdes, desimg As imgdes)
Declare Function savetif Lib "VIC32.DLL" (ByVal FName As String, srcimg As imgdes, ByVal cm)
Declare Function savetifpage Lib "VIC32.DLL" (ByVal FName As String, srcimg As imgdes, ByVal

Declare Function TWdetecttwain Lib "VICTW32.DLL" (ByVal hWnd As Long) As Long
Declare Function TWgeterror Lib "VICTW32.DLL" () As Long
Declare Function TWgetmeasureunit Lib "VICTW32.DLL" (ByVal hWnd As Long, ByRef typeUnit As
Declare Function TWgetpixeltype Lib "VICTW32.DLL" (ByVal hWnd As Long, ByRef pixelType As T
Declare Function TWgetbrightness Lib "VICTW32.DLL" (ByVal hWnd As Long, ByRef brightness As
Declare Function TWgetcontrast Lib "VICTW32.DLL" (ByVal hWnd As Long, ByRef contrast As TWA
Declare Function TWgetsourcenames Lib "VICTW32.DLL" (ByVal hWnd As Long, ByRef namelist As
Declare Function TWgetsourcencount Lib "VICTW32.DLL" Alias "TWgetsourcenames" (ByVal hWnd A
Declare Function TWgetxresolution Lib "VICTW32.DLL" (ByVal hWnd As Long, ByRef xres As TWAI
Declare Function TWgetyresolution Lib "VICTW32.DLL" (ByVal hWnd As Long, ByRef yres As TWAI
Declare Function TWscanimage Lib "VICTW32.DLL" (ByVal hWnd As Long, ByRef desimg As imgdes)
Declare Function TWscanimageex Lib "VICTW32.DLL" (ByVal hWnd As Long, ByRef desimg As imgde
Declare Function TWscanmultipleimages Lib "VICTW32.DLL" (ByVal hWnd As Long, ByRef desimg A
Declare Function TWscanmultipleimagesex Lib "VICTW32.DLL" (ByVal hWnd As Long, ByRef desimg

```

```
Declare Function TWselectsource Lib "VICTW32.DLL" (ByVal hWnd As Long) As Long
Declare Function TWselectsourcebyname Lib "VICTW32.DLL" (ByVal hWnd As Long, ByVal dsname As String) As Long
Declare Function TWsetbrightness Lib "VICTW32.DLL" (ByVal hWnd As Long, ByRef brightness As Integer) As Long
Declare Function TWsetcontrast Lib "VICTW32.DLL" (ByVal hWnd As Long, ByRef contrast As Integer) As Long
Declare Function TWsetmeasureunit Lib "VICTW32.DLL" (ByVal hWnd As Long, ByRef typeUnit As Integer) As Long
Declare Function TWsetpixeltype Lib "VICTW32.DLL" (ByVal hWnd As Long, ByRef pixelType As Integer) As Long
Declare Function TWsetxresolution Lib "VICTW32.DLL" (ByVal hWnd As Long, xres As TWAIN_CAP_1) As Long
Declare Function TWsetyresolution Lib "VICTW32.DLL" (ByVal hWnd As Long, yres As TWAIN_CAP_1) As Long
Declare Sub TWsetproductname Lib "VICTW32.DLL" (ByVal prodName As String)
Declare Function TWvicversion Lib "VICTW32.DLL" () As Integer
```



[Victor Image Processing Library homepage](#) | [Victor Product Summary](#) | [more source code](#)

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	1	Document ID	Issue Date	Title	Current OR	Inventor	4	5	P T
1		US 2006017 1002 A1	20060803	Image processing method, image processing apparatus and program	358/538	Mori; Yasuo			
2		US 2005027 4914 A1	20051215	High speed image scanner	250/559. 08	Scanlon, Edward F. et al.			
3		US 2005020 0909 A1	20050915	Method of setting driver program of image processing device and image processing system with transparent function	358/448	Kim, Yang-moon			
4		US 2005016 2689 A1	20050728	System and method for communicating with printers using web site technology	358/1.15	Roztocil, Tomas			
5		US 2005015 7330 A1	20050721	Image-forming system with a graphical user interface having an interconnection architecture hyperlink	358/1.15	Giuliano, Gerard			
6		US 2005013 4871 A1	20050623	Document processing method and apparatus	358/1.6	Nakagiri, Koji			
7		US 2005009 7477 A1	20050505	Computer-implemented image acquisition	715/825	Camara, Franc J. et al.			

				system					
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	1	Document ID	Issue Date	Title	Current OR	Inventor	4	5	P T
8		US 2005009 7456 A1	20050505	Computer-implemented image acquisition system	715/513	Camara, Franc J. et al.			
9		US 2005009 4208 A1	20050505	Document creation method and document creation apparatus	358/1.18	Mori, Yasuo			
10		US 2005009 1613 A1	20050428	Computer-implemented image acquisition system	715/825	Camara, Franc J. et al.			
11		US 2004026 7595 A1	20041230	Worker and document management system	705/9	Woodings, Lewis E. et al.			
12		US 2004021 5706 A1	20041028	System and method for updating software and version control in a production printer	709/201	Lavender, Scott D. et al.			
13		US 2004009 5588 A1	20040520	Systems and methods for providing true scale measurements for digitized drawings	358/1.2	Ciccarelli, Victor			
14		US 2004004 2034 A1	20040304	Facsimile transmission according to recipient preferences	358/1.15	Tiffan, Jeff et al.			

	1	Document ID	Issue Date	Title	Current OR	Inventor	4	5	P T
15		US 20030120593 A1	20030626	Method and system for delivering multiple services electronically to customers via a centralized portal architecture	705/39	Bansal, Amar Inder Singh et al.			
16		US 20030009312 A1	20030109	Pre-data-collection applications test processing system	702/188	Knowles, Kristian et al.			
17		US 20020176598 A1	20021128	Test processing workflow tracking system	382/100	Knowles, Kristian et al.			
18		US 20020131075 A1	20020919	Tab modification system for a printing machine	358/1.15	Kremer, Karl Heinz			
19		US 20020126158 A1	20020912	Computer-implemented image acquisition system	715/810	Camara, Franc J. et al.			
20		US 20020123029 A1	20020905	Multiple server test processing workflow system	434/353	Knowles, Kristian			
21		US 20020123028 A1	20020905	Test question response verification system	434/324	Knowles, Kristian et al.			
22		US 20020122606 A1	20020905	System for archiving electronic images of test question responses	382/305	Knowles, Kristian			